



VU QUBE™

PORTABLE SATELLITE TV SYSTEM
VQ1000 OPERATION MANUAL

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

the ultra-portable VuQube Satellite TV Antenna. The remote control to allow quick, one person positioning of signal meter screen on your TV. The VuQube is compatible with services from DIRECTV®, DISH Network™, Bell ExpressVu™

- Components overview
- Operating instructions
- Elevation quick reference maps

Vu Qube V1000 Component Overview



Operating Manual (P/N 10153-2)



Vu Qube Antenna (P/N VQV10P)



Vu Qube Remote (P/N VQV10PR)



RG6 Coaxial Cable (50') (P/N 10140-1)

Additional Items Needed to Watch TV

- Satellite TV service
- Satellite TV receiver
- Television

Specifications

Height: 17.5"
Width: 16"
Weight: 10.5 lbs
Range: US/Southern Canada
Compatibility: DIRECTV®, DISH Network™, Bell ExpressVu™ and Free-to-air receivers

FCC User Information

Main Components:

Vu Qube Antenna
Model #: VQV10P
FCC ID: UUM10156V10
IC: 6873A -10156V10



This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:
1) This device must not cause harmful interference, and
2) This device must accept interference received including interference that may cause undesired operation.

Vu Qube Remote
Model #: VQV10RP
FCC ID: UUM10157V10
IC: 6873A -10157V10



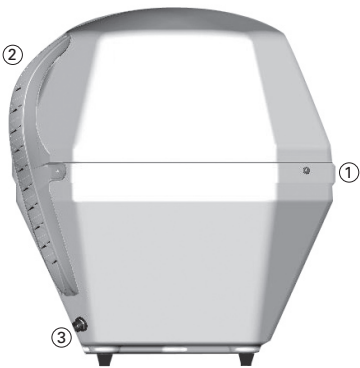
This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:
1) This device must not cause harmful interference, and
2) This device must accept interference received including interference that may cause undesired operation.

Please note that changes or modifications to the Vu Qube or Vu Qube remote not expressly approved by Vu Qube could void the purchaser's or user's authority to operate this equipment.

This device must not be co-located with other transmitters to ensure compliance with FCC RF exposure requirements.

The Vu Qube and Vu Qube remote have been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communications. However, there is no guarantee that the interference will not occur in a particular installation. **If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:**

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



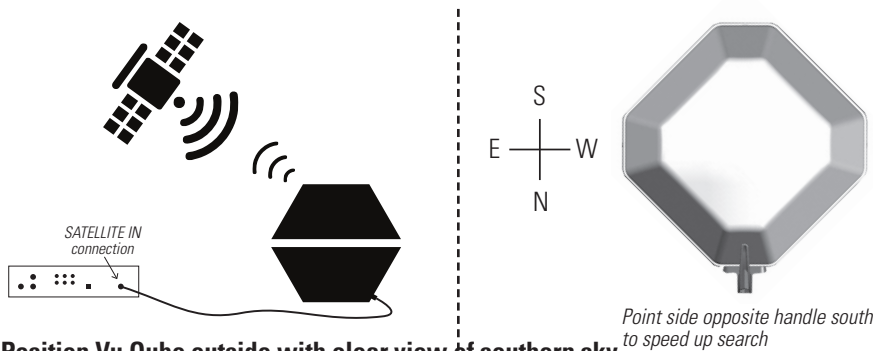
1. Vu Qube enclosure
2. Handle
3. Coaxial cable connector



1. Display
2. Elevation buttons
3. Rotate buttons
4. Satellite position memory
5. Power

Position and Connect

Setting Up



1. Position Vu Qube outside with clear view of southern sky.

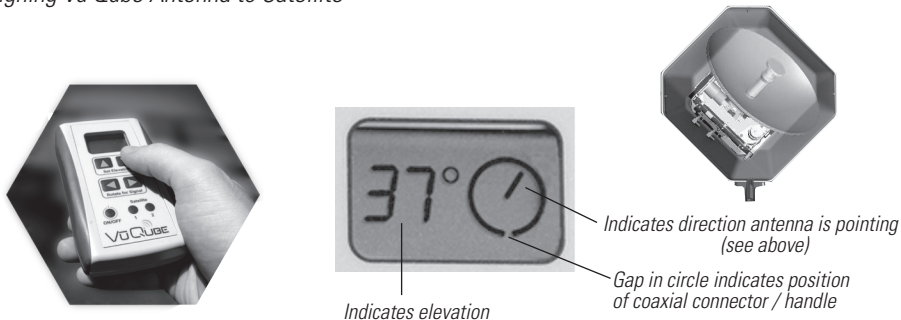
- To speed up search time, point side opposite handle south

2. Connect coaxial cable to Vu Qube and to Satellite receiver.

- Hand tighten (DO NOT use a wrench)
- Make sure to connect coaxial cable to "Satellite In" port on satellite receiver

Tilt and Turn Vu Qube Antenna with Wireless Remote

Aligning Vu Qube Antenna to Satellite

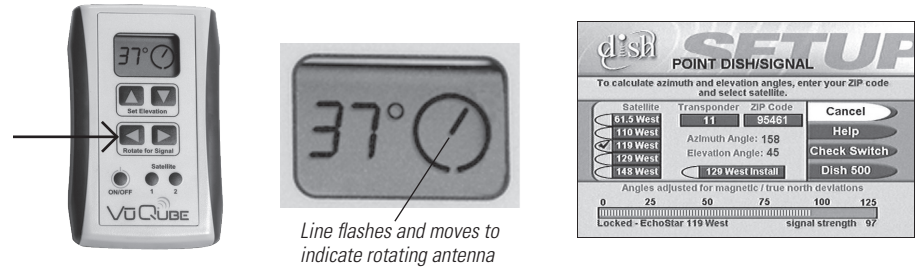


1. Set Vu Qube Antenna to correct elevation using Up/Down arrows.

- Elevation can quickly be determined using MAPS in the back of this manual or by entering zip-code in satellite receiver prior to navigating to signal meter screen.

2. Following the instructions in your satellite receiver owners manual, navigate to the satellite signal meter screen and select the appropriate transponder as follows:

DISH Network	11
DIRECTV	19



3. Rotate Vu Qube Antenna with Left/Right arrows until signal appears on signal meter.

4. Maximize Signal Strength by slightly adjusting Vu Qube Antenna using all 4 arrows.

Tune In

Watching TV

Once you have a satellite signal follow satellite receiver on-screen guide to navigate to programming.

NOTE: it may take a few minutes to download programming from the satellite.

Satellite Position Memory

For use when programming is on multiple satellites.

TO STORE POSITION:

Hold down either the Satellite 1 or Satellite 2 button for at least 2.5 seconds. The LCD will show "P1" or "P2" when button is released.

TO RECALL POSITION:

Momentarily press the desired satellite recall button (Satellite 1 or Satellite 2) for no more than 1 second. The LCD will show the recalled satellite location "r1" or "r2".

TO CANCEL RECALL:

Press any arrow button to stop moving to a stored position.



Troubleshooting

If you cannot lock-on to the correct satellite, it is most likely that an object is blocking the signal. If this is the case, move the Vu Qube to have an unobstructed view of the southern sky.

ERROR CODES	Problem	Action
E0	Remote is unable to send commands to antenna	<ul style="list-style-type: none">• Make sure RECEIVER is turned ON• Make sure coaxial cable from Vu Qube is attached to receiver• Move remote closer to Vu Qube
	<i>If the above does not fix the E0 problem, remove power from both Vu Qube and remote for 1 minute. This can be done by disconnecting the coax from the Vu Qube (or unplugging satellite receiver from power) and removing the batteries from the remote. After one minute, reconnect and re-power all components.</i>	
E1	Remote is unable to receive response from antenna	Move remote closer to antenna
E2	Miscommunication between remote and antenna	Call 1-800-982-9920 Ext. 412

Care & Maintenance

The Vu Qube has been designed to be maintenance and trouble free. For optimum signal strength, keep the cover clean from dirt, bugs, and other debris. Periodic washing of the top cover with mild soap and water is recommended. DO NOT USE SOLVENTS TO CLEAN VU QUBE. DO NOT DROP OR EXPOSE TO JARRING MOVEMENTS.

If you have any comments or questions, please call 1-800-982-9920 Ext. 412.

Limited Warranty

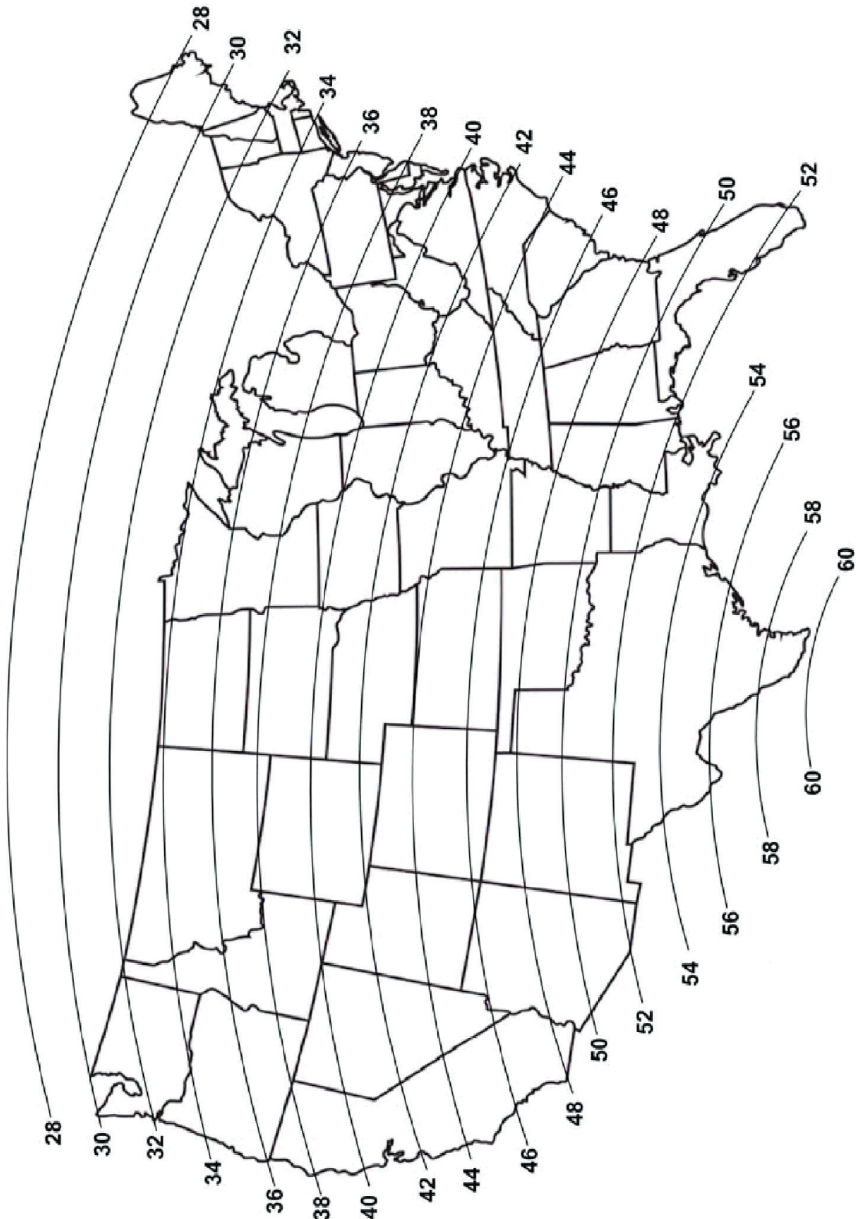
Every Vu Qube is thoroughly inspected and tested before leaving the factory and is covered by a one year limited warranty against any defects in material or workmanship after the date of original purchase. For one year from the date of purchase, at the option of Vu Qube, the unit and/or components will be repaired or replaced with a new, repaired, refurbished or comparable product if the unit becomes defective. This limited warranty does not cover replacements or repair for damage, malfunction or inoperability caused by abuse, misuse, accidents, or causes not within the control of Vu Qube.

Only authorized Vu Qube technicians can perform repair. Removing cover and any unauthorized repair will void warranty.

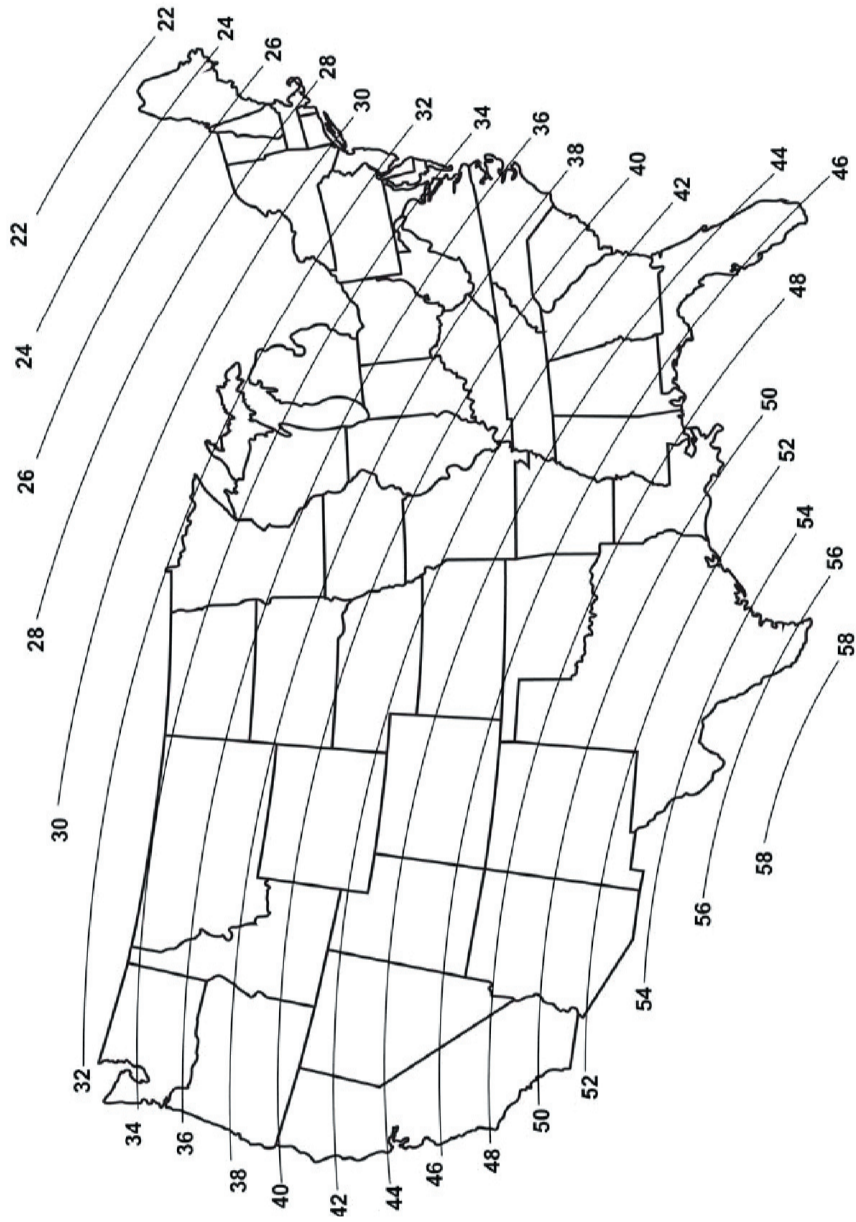
Should any trouble develop during the warranty period, contact Vu Qube at 1-800-982-9920 Ext. 412.
DO NOT RETURN TO STORE. Any product return should be sent to: **Electronic Controlled Systems**
11200 Hampshire Ave S.
Bloomington, MN 55438

ELEVATION REFERENCE MAPS

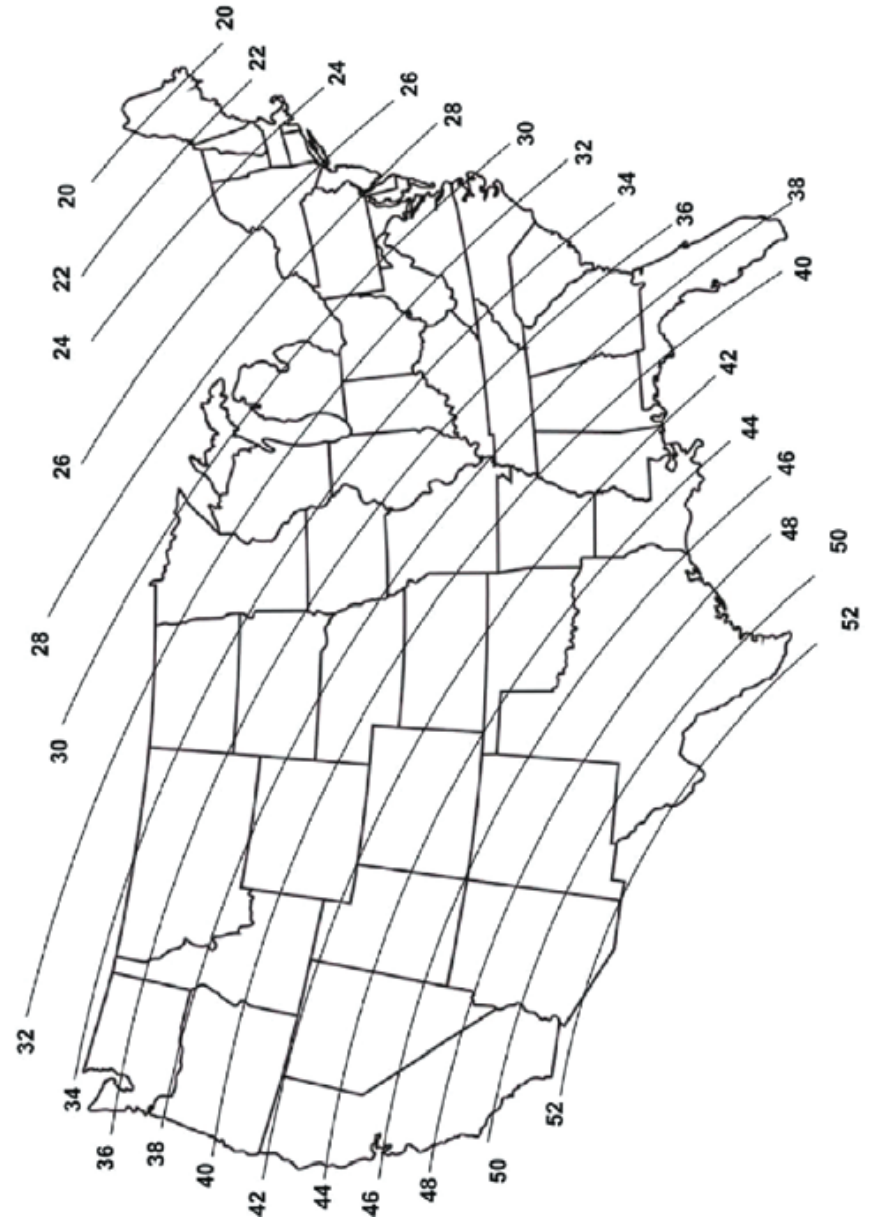
101° W - DIRECTV®



110° W - Dish Network®



119° W - Dish Network®



VUQUBE™